

2018 TEXAS ENERGY SUMMIT

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Presentation Agenda

- Port Overview
- Environmental Leadership
- Current Electrification & Emission Reduction Measures
- Limitations & Barriers



An aerial photograph of a port area. On the left, a large dark-hulled ship is docked at a pier. The water is a deep blue. In the background, a city with various buildings and infrastructure is visible along the waterfront. The sky is clear and blue. The image is framed by a blue and green geometric border.

Port Overview



PORT **CORPUS CHRISTI**®

The **Energy** Port of the Americas

- Independent political district of the State of Texas, governed by seven commissioners
- Global energy hub and the Economic centerpiece of South Texas
- A landowner, a land developer, a landlord – and we are your neighbor



2017 Statistics

- The #1 US Crude Oil Export Port
- 4th Largest Port in the US (>100M Tons)
- \$150B in Annual Economic Output
- \$100M Goods Value Movement Per Day
- Greater than \$100M Annual Port Revenues
- \$724.8M Total Assets



Types of Cargos

- Liquid Petroleum Products
- Bulk Materials – Grain, Aggregates, Petroleum Coke
- Break Bulk – Wind Cargo, Project Cargo



Environmental Leadership

Environmental Policy: 5 Key Precepts



- **AIR QUALITY** in attainment of national air quality standards
- **WATER QUALITY** that maintains or improves the health of coastal bend ecosystems
- **SOILS & SEDIMENT** protective of human health and the environment
- **WILDLIFE HABITAT** development, improvements, and replacement when modification to existing habitat is necessary
- **ENVIRONMENTAL SUSTAINABILITY** in the development of port facilities and in ongoing port operations



Environmental Highlights

- ISO 14001 Certified since 2007
- Green Marine Certified Port since 2016 (1st Texas Port to Receive this Distinction)
- TCEQ Texas Environmental Excellence Award Winner, 2018
- Reached 1 Million Pounds of Recycled Materials Milestone, 2017
- Utilizing 100% Renewable Power Supply
- Conduct Recurring Air Emissions Inventory



An aerial photograph of a port area, showing a large ship docked at a pier, industrial buildings, and a body of water. The image is overlaid with a blue and green geometric design.

Current Electrification & Emission Reduction Measures



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Electrification Efforts

- Port Electrification efforts for the Port are limited due to cargoes handled
- Military vessels that layberth are able to plug in
- Accommodate wind cargo for development of new wind farms



Emission Reducing Measures

- Awareness – Lead By Example and Educate on Emission Reductions
- No single solution to reducing emissions
- Anti-idling policy
- Purchase highest tier engines and alternative fuels
- Stringent maintenance and fleet testing program



Limitations & Barriers



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Limitations & Barriers

- Dock side mobile equipment varies greatly and is not Port owned
- Stevedores are not permitted to store equipment at the Port
- 7 stevedores
- All available space utilized for cargo
- Grant funding for emission reductions limited to Priority Areas and not in areas currently in attainment.



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